



SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Morrell et al. Attorney Docket: 1062/D94
Serial No: 10/669,879 Art Group Unit: 3611
Date Filed: September 23, 2003 Examiner Name: N/A
Invention: Speed Limiting for a Balancing Transporter Accounting for...

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS'
INFORMATION DISCLOSURE STATEMENT

Ref. No.	U.S. Patent No.	Inventor	Issue Date	Exam. Init.
AA	584,127	Draullette et al.	June 8, 1897	
AB	849,270	Schafer et al.	Apr. 2, 1907	
AC	2,742,973	Johannesen, H.	Apr. 24, 1956	
AD	3,145,797	Taylor	Aug. 25, 1964	
AE	3,260,324	Suarez	July 12, 1966	
AF	3,283,398	Andren	Nov. 8, 1966	
AG	3,288,234	Feliz, J.	Nov. 29, 1966	
AH	3,348,518	Forsyth et al.	Oct. 24, 1967	
AI	3,374,845	Selwyn, D.	Mar. 26, 1968	
AJ	3,399,742	Malick	Sept. 3, 1968	
AK	3,450,219	Fleming, J.	June 17, 1969	
AL	3,446,304	Alimanestiano	May 1969	
AM	3,515,401	Gross, E.	June 2, 1970	
AN	3,580,344	Floyd	May 25, 1971	
AO	3,596,298	Durst, Jr.	Aug. 3, 1971	
AP	3,860,264	Douglas et al.	Jan. 14, 195	
AQ	3,872,945	Hickman et al.	Mar. 25, 1975	

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Ref. No.	U.S. Patent No.	Inventor	Issue Date	Exam. Init.
AR	3,952,822	Udden et al.	Apr. 27, 1976	M. F.
AS	4,018,440	Deutsch	Apr. 19, 1977	
AT	4,062,558	Wasserman	Dec. 13, 1977	
AU	4,076,270	Winchell	Feb. 28, 1978	
AV	4,088,199	Trautwein	May 9, 1978	
AW	4,094,372	Notter	June 13, 1978	
AX	4,109,741	Gabriel	Aug. 29, 1978	
AY	4,111,445	Haibeck	Sept. 5, 1978	
AZ	4,151,892	Francken	May 1, 1979	
BA	4,222,449	Feliz	Sept. 16, 1980	
BB	4,264,082	Fouchey, Jr.	Apr. 28, 1981	
BC	4,266,627	Lauber	May 12, 1981	
BD	4,293,052	Daswick et al.	Oct. 6, 1981	
BE	4,325,565	Winchell	Apr. 20, 1982	
BF	4,354,569	Eichholz	Oct. 19, 1982	
BG	4,363,493	Veneklasen	Dec. 14, 1982	
BH	4,373,600	Buschborn et al.	Feb. 15, 1983	
BI	4,375,840	Campbell	Mar. 8, 1983	
BJ	4,510,956	King	Apr. 16, 1985	
BK	4,560,022	Kassai	Dec. 24, 1985	
BL	4,566,707	Nitzberg	Jan. 28, 1986	
BM	4,570,078	Yashima et al.	Feb. 11, 1986	
BN	4,571,844	Komasaku et al.	Feb. 25, 1986	
BO	4,624,469	Bourne, Jr.	Nov. 25, 1986	
BP	4,657,272	Davenport	Apr. 14, 1987	
BQ	4,685,693	Vadjunec	Aug. 11, 1987	
BR	4,709,772	Brunet	Dec. 1, 1987	↓

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BS	4,716,980	Butler	Jan. 5, 1988	<i>M.P.</i>
BT	4,740,001	Torleumke	Apr. 26, 1988	
BU	4,746,132	Eagan	May 24, 1988	
BV	4,770,410	Brown	Sept. 13, 1988	
BW	4,786,069	Tang	Nov. 22, 1988	
BX	4,790,400	Sheeter	Dec. 13, 1988	
BY	4,790,548	Decelles et al.	Dec. 13, 1988	
BZ	4,794,999	Hester	Jan. 3, 1989	
CA	4,798,255	Wu	Jan. 17, 1989	
CB	4,802,542	Houston et al.	Feb. 7, 1989	
CC	4,809,804	Houston et al.	Mar. 7, 1989	
CD	4,834,200	Kajita	May 30, 1989	
CE	4,863,182	Chern	Sept. 5, 1989	
CF	4,867,188	Reid	Sept. 19, 1989	
CG	4,869,279	Hedges	Sept. 26, 1989	
CH	4,874,055	Beer	Oct. 17, 1989	
CI	4,890,853	Olson	Jan. 2, 1990	
CJ	4,919,225	Sturges	Apr. 24, 1990	
CK	4,953,851	Sherlock et al.	Sept. 4, 1990	
CL	4,985,947	Ethridge	Jan. 22, 1991	
CM	4,984,754	Yarrington	Jan. 15, 1991	
CN	4,998,596	Miksitz	Mar. 12, 1991	
CO	5,002,295	Lin	Mar. 26, 1991	
CP	5,011,171	Cook	Apr. 30, 1991	
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CT	5,161,820	Vollmer	Nov. 10, 1992	<i>M. J.</i>
CU	5,168,947	Rodenborn	Dec. 8, 1992	
CV	5,171,173	Henderson et al.	Dec. 15, 1992	
CW	5,186,270	West	Feb. 16, 1993	
CX	5,221,883	Takenaka et al.	June 22, 1993	
CY	5,241,875	Kochanneck	Sept. 7, 1993	
CZ	5,248,007	Watkins et al.	Sep. 28, 1993	
DA	5,314,034	Chittal	May 24, 1994	
DB	5,350,033	Kraft	Sept. 27, 1994	
DC	5,366,036	Perry	Nov. 22, 1994	
DD	5,376,868	Toyoda et al.	Dec. 27, 1994	
DE	5,419,624	Adler et al.	May 30, 1995	
DF	5,701,965	Kamen et al.	Dec. 30, 1997	
DG	5,701,968	Wright-Ott et al.	Dec. 1997	
DH	5,775,452	Patmont	July 1998	
DI	5,791,425	Kamen et al.	Aug. 11, 1998	
DJ	5,794,730	Kamen	Aug. 18, 1998	
DK	5,971,091	Kamen et al.	Oct. 26, 1999	
DL	5,973,463	Okuda et al.	Oct. 26, 1999	
DM	5,975,225	Kamen et al.	Nov. 2, 1999	
DN	5,986,221	Stanley	Nov. 16, 1999	
DO	6,003,624	Jorgensen et al.	Dec. 21, 1999	
DP	6,039,142	Eckstein et al.	Mar. 21, 2000	
DQ	6,050,357	Staelin et al.	Apr. 18, 2000	
DR	6,059,062	Staelin et al.	May 9, 2000	
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DT	6,131,057	Tamaki et al.	Oct. 10, 2000	<i>M. J.</i>
DU	6,223,104	Kamen et al.	Apr. 24, 2001	
DV	6,225,977	Li	May 1, 2001	
DW	6,288,505	Heinzmann et al.	Sep. 11, 2001	
DX	6,302,230	Kamen et al.	Oct. 16, 2001	

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DY	US 2002/063006 A1	Amesbury Burl et al	30 May 2002	<i>M. J.</i>

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DZ	DE 2 048 593	Deres Development	May 6, 1971	<i>M. J.</i>
EA	DE 298 08 091 U1	Brecht	Oct. 10, 1998	
EB	DE 298 08 096 U1	Brecht	Oct. 8, 1998	
EC	DE 31 28 112 A1	Heid	Feb. 3, 1983	
ED	DE 32 42 880 A1	Toselli	June 23, 1983	
EE	DE 3411489 A1	Takamiya et al.	Oct. 10, 1984	
EF	DE 44 04 594 A 1	Wittelsberger (and translation)	Aug. 17, 1995	
EG	DE 196 25 498 C 1	Eckstein, et al.	Nov. 20, 1997	
EH	EP 0 193 473	Brunet	Sept. 3, 1986	
EI	EP 0 537 698 A1	Toselli	Apr. 21, 1993	
EJ	EP 0 109 927	von Rohr	July 4, 1984	
EK	EP 0 958 978 A2	Ghoneim et al	Nov. 24, 1999	
EL	FR 2 502 090	Tobex	Sept. 24, 1982	
EM	FR 980 237	Pages	May 9, 1951	
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EO	JP 59-73372		Apr. 25, 1984	<i>M. J.</i>
EP	JP 61-31685		Feb. 26, 1986	
EQ	JP 4-201793	Furukawa (with translation)	July 22, 1992	<i>M. J.</i>
ER	JP 2-190277	Toyoda (translation)	July 26, 1990	
ES	JP 5-213240	Mitsubishi (translation)	Aug. 24, 1993	
ET	JP 0255580	Takahashi (with abstract)	Dec. 17, 1985	
EU	JP 7255780		Mar. 1995	
EV	JP 57-87766	Iguchi (with abstract)	June 1982	
EW	JP 52-44933	Shimizu (with abstract)	Oct. 1975	
EX	JP 63-305082	Santo (with abstract and translation)	Dec. 1988	
EY	JP 62-12810	Hitachi	July 10, 1985	
EZ	JP 57-110569			
FA	JP 6-171562	Takeda	Dec. 10, 1992	
FB	JP 6-105415	Suzuki	December 21, 1994	
FC	UK 152,664	Garanzini	Feb. 16, 1922	
FD	UK 1213930	Fleming	Nov. 25, 1970	
FE	WO 86/05752	Post	Oct. 9, 1986	
FF	WO 89/06117	Rix (with translation)	July 13, 1989	
FG	WO 96/23478	Kamen et al.	Aug. 8, 1996	
FH	WO 98/46474	Staelin et al.	Oct. 22, 1998	
FI	WO 00 75001 A	Deka Products LP	14 December 2000 (2000-12-14) Claim 23	<i>✓</i>

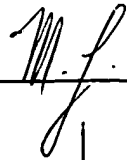

Ref. No.	European Publication	Inventor	Publication Date	Exam. Init.
FJ	0663 313 A1	Fujii et al.	July 19, 1995	<i>M. J.</i>

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FK	Kawaji, S., <i>Stabilization of Unicycle Using Spinning Motion</i> , <u>Denki Gakkai Ronbushu, D</u> , Vol. 107, Issue 1, Japan (1987), pp. 21-28	
FL	Schoonwinkel, A., <i>Design and Test of a Computer-Stabilized Unicycle</i> , Stanford University (1988), UMI Dissertation Services	
FM	Vos, D., <i>Dynamics and Nonlinear Adaptive Control of an Autonomous Unicycle</i> , Massachusetts Institute of Technology, 1989	
FN	Vos, D., <i>Nonlinear Control of an Autonomous Unicycle Robot: Practical Issues</i> , Massachusetts Institute of Technology, 1992	
FO	Koyanagi et al., <i>A Wheeled Inverse Pendulum Type Self-Contained Mobile Robot and its Posture Control and Vehicle Control</i> , <u>The Society of Instrument and Control Engineers</u> , Special issue of the 31 st SICE Annual Conference, Japan 1992, pp. 13-16.	
FP	Koyanagi et al., <i>A Wheeled Inverse Pendulum Type Self-Contained Mobile Robot</i> , <u>The Society of Instrument and Control Engineers</u> , Special issue of the 31 st SICE Annual Conference, Japan 1992, pp. 51-56	
FQ	Koyanagi et al., <i>A Wheeled Inverse Pendulum Type Self-Contained Mobile Robot and its Two Dimensional Trajectory Control</i> , <u>Proceeding of the Second International Symposium on Measurement and Control in Robotics</u> , Japan 1992, pp. 891-898.	
FR	Watson Industries, Inc., Vertical Reference Manual ADS-C132-1A, 1992, pp. 3-4	
FS	News article <i>Amazing Wheelchair Goes Up and Down Stairs</i>	
FT	Osaka et al., <i>Stabilization of unicycle</i> , <i>Systems and Control</i> , Vol. 25, No. 3, Japan 1981, pp. 159-166 (Abstract Only)	
FU	Roy et al., <i>Five-Wheel Unicycle System</i> , <u>Medical & Biological Engineering & Computing</u> , Vol. 23, No. 6, United Kingdom 1985, pp. 593-596	
FV	Kawaji, S., <i>Stabilization of Unicycle Using Spinning Motion</i> , <u>Denki Gakkai Ronbushu, D</u> , Vol. 107, Issue 1, Japan 1987, pp. 21-28 (Abstract Only)	
FW	Schoonwinkel, A., <i>Design and Test of a Computer-Stabilized Unicycle</i> , <u>Dissertation Abstracts International</u> , Vol. 49/03-B, Stanford University 1988, pp. 890-1294 (Abstract only)	



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FX	Vos et al., <i>Dynamics and Nonlinear Adaptive Control of an Autonomous Unicycle - Theory and Experiment</i> , American Institute of Aeronautics and Astronautics, A90-26772 10-39, Washington, D.C. 1990, pp. 487-494 (Abstract only)	Mf
FY	TECKNICO'S Home Page, <i>Those Amazing Flying Machines</i> , http://www.swiftsite.com/technico	
FZ	<u>Stew's Hovercraft Page</u> , http://www.stewcam.com/hovercraft.html	
GA	Kanoh, <i>Adaptive Control of Inverted Pendulum</i> , <u>Computrol</u> , vol. 2, (1983), pp. 69-75.	
GB	Yamafuji, <i>A Proposal for Modular-Structured Mobile Robots for Work that Principally Involve a Vehicle with Two Parallel Wheels</i> , <u>Automation Technology</u> , vol. 20, pp. 113-118 (1988).	
GC	Yamafuji & Kawamura, <i>Study of Postural and Driving Control of Coaxial Bicycle</i> , <u>Paper Read at Meeting of Japan Society of Mechanical Engineering (Series C)</u> , vol. 54, no. 501, (May, 1988), pp. 1114-21	
GD	Yamafuji et al., <i>Synchronous Steering Control of a Parallel Bicycle</i> , <u>Paper Read at Meeting of Japan Society of Mechanical Engineering (Series C)</u> , vol. 55, no. 513, (May, 1989), pp. 1229-34.	
GE	Momoi & Yamafuji, <i>Motion Control of the Parallel Bicycle-Type Mobile Robot Composed of a Triple Inverted Pendulum</i> , <u>Paper Read at Meeting of Japan Society of Mechanical Engineering (Series C)</u> , vol. 57, no. 541, (Sep., 1991), pp. 154-159	✓

Examiner Signature:

Matthew L. J.

Date Considered:

11/17/04

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